

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-79. (Cancelled)

83. (Currently Amended) A method in a distributed system comprised of a plurality of lookup services with associated network services and a client lookup manager with an associated cache, the method comprising the steps of:

receiving, at the client lookup manager, a request to access a network service;

retrieving, using the client lookup manager, a reference to a lookup service from the associated cache, wherein said lookup service is associated with said network service; ~~and~~

sending, from the client lookup manager, a request to the lookup service identifying the network service to be accessed; and

displaying at least one icon identifying the network service to be accessed, when the network service to be accessed is available.

84. (Currently Amended) The method according to claim 83, wherein the retrieving step further comprises searching a table of ~~[[a]]~~ the plurality of lookup services and

the associated network services for said network service.

85-88. (Withdrawn)

89. (Currently Amended) A computer-readable storage medium containing instructions ~~for controlling~~ which, when executed on a data processing system, cause the data processing system to perform a method for accessing network services, the data processing system having a software cache and a plurality of lookup services available for use in the data processing system, the method comprising the steps of:

receiving, at the data processing apparatus, a request to access a network service;

retrieving, using the data processing apparatus, a reference to a lookup service from the software cache, wherein said lookup service is associated with said network service; and

sending, from the data processing apparatus, a request to the lookup service identifying the network service to be accessed; and

displaying at least one icon identifying the network service to be accessed,
when the network service to be accessed is available.

90. (Currently Amended) The computer-readable storage medium according to claim 89, wherein the retrieving step further comprises searching a table of [[a]] the plurality of lookup services and associated network services for said network

service.

91. (Withdrawn)

92. (Currently Amended) A distributed system comprising:

a server computer with a lookup service having references to a plurality of
network services; and

a client computer including a client lookup manager with an associated
cache, wherein said client lookup manager:

receives, from the server, a reference to one of said plurality

of lookup services; and

stores said reference in the associated cache of [[on]] said

client lookup manager.

93. (Withdrawn)